

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING

ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

10/S12,757

Source:

PCT

Date Processed by STIC:

3-22-06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

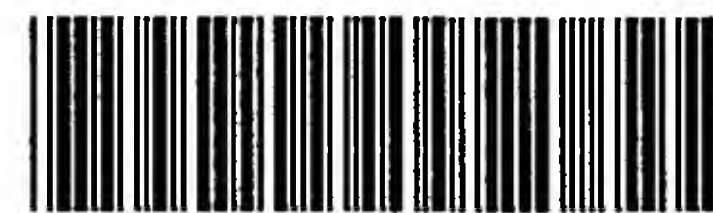
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

IAP7 Rec'd PCT/PTO 31 MAR 2006



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/512,737

DATE: 03/22/2006

TIME: 15:36:45

Input Set : A:\PTO.SS.txt

Output Set: N:\CRF4\03222006\J512737.raw

4 <110> APPLICANT: BioTeSys GmbH
6 Schelztorstrasse 54-56
8 D 73728 Esslingen
10 GERMANY
13 <120> TITLE OF INVENTION: transport system in biological systems
C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/512,737
C--> 16 <141> CURRENT FILING DATE: 2004-10-27
W--> 0 <130> FILE REFERENCE: OK
16 <150> PRIOR APPLICATION NUMBER: A 656/2002
18 <151> PRIOR FILING DATE: 2002-04-29
21 <160> NUMBER OF SEQ ID NOS: 15

ERRORED SEQUENCES

E--> 24 <210> SEQ ID NO: 1 <211>6 <212> PRT <213> Artificial sequence
27 <220> FEATURE:
29 <223> OTHER INFORMATION: Oligopeptide
E--> 32 <211> LENGTH:
E--> 32 <212> TYPE:
E--> 32 <213> ORGANISM:
32 <400> SEQUENCE: 1
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35 1
E--> 38 <210> SEQ ID NO: 2 <211>5 <212> PRT <213> Artificial sequence
41 <220> FEATURE:
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51 1 5
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58 <212> TYPE: PRT
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63 <220> FEATURE:
65 <223> OTHER INFORMATION: Oligopeptide
68 <400> SEQUENCE: 3
70 Ala Asp Gly Glu Ala
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74 <210> SEQ ID NO: 4

pls explain of
source of
genetic
material

Does Not Comply
Corrected Etiquette Needed

(Pg. 1-4)

IF Patent-IN
Software WAS

Used, Please
contact mark
Spencer at,

571-272-2510.

pls explain
source of
genetic
material

Invalid
Amino
Acid

same
error

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/512,737

DATE: 03/22/2006

TIME: 15:36:45

Input Set : A:\PTO.SS.txt

Output Set: N:\CRF4\03222006\J512737.raw

✓ some errors

76 <211> LENGTH: 6
78 <212> TYPE: PRT
80 <213> ORGANISM: Artificial sequence
83 <220> FEATURE:
85 <223> OTHER INFORMATION: Oligopeptide
88 <400> SEQUENCE: 4
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180 <220> FEATURE:
182 <223> OTHER INFORMATION: Oligopeptide
E--> 185 <211> LENGTH:
E--> 185 <212> TYPE:

Invalid Amino Acid

Invalid Amino Acid

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/512,737

DATE: 03/22/2006

TIME: 15:36:45

Input Set : A:\PTO.SS.txt

Output Set: N:\CRF4\03222006\J512737.raw

E--> 185 <213> ORGANISM:

185 <400> SEQUENCE: 9

189
 lie Vai Ala lie Leu lie Cys tie Leu lie Leu Leu Thr Met Val Leu Leu Phe Val Met Tm Met
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E--> 209 <210> SEQ ID NO: 11 <211>18 <212> PRT <213> Artificial sequence

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E--> 217 <212> TYPE:

E--> 217 <213> ORGANISM:

217 <400> SEQUENCE: 11

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 220 1 5 10 15 20

E--> 223 <210> SEQ ID NO: 12 <211>6 <212> PRT <213> Artificial sequence

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231 <400> SEQUENCE: 12

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262 <220> FEATURE:

264 <223> OTHER INFORMATION: Oligopeptide

267 <400> SEQUENCE: 14

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E--> 270 1

INVALID amino acids

What is this?

Same errors

Oligopeptide
INVALID amino acids

INVALID amino acids

Same errors

Same errors

-IF
 Patent-IN
 SOFTWARE
 WAS USED,
 PLS contact
 Mark
 Spencer
 at 571-
 272-
 2510.

RAW SEQUENCE LISTING

DATE: 03/22/2006

PATENT APPLICATION: US/10/512,737

TIME: 15:36:45

Input Set : A:\PTO.SS.txt

Output Set: N:\CRF4\03222006\J512737.raw

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285 <223> OTHER INFORMATION: Oligopeptide

288 <400> SEQUENCE: 15

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E--> 291 1 5

Some error

What is this?

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/512,737

DATE: 03/22/2006
TIME: 15:36:46

Input Set : A:\PTO.SS.txt
Output Set: N:\CRF4\03222006\J512737.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:9; Line(s) 189

VERIFICATION SUMMARY

DATE: 03/22/2006

PATENT APPLICATION: US/10/512,737

TIME: 15:36:46

Input Set : A:\PTO.SS.txt

Output Set: N:\CRF4\03222006\J512737.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No
 L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
 L:0 M:201 W: Mandatory field data missing, <130> FILE REFERENCE
 L:24 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQ ID NO: 1 <211>6 <212> PRT
 <213> Artificial sequence
 L:32 M:282 E: Numeric Field Identifier Missing, <211> is required.
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 L:32 M:282 E: Numeric Field Identifier Missing, <213> is required.
 L:38 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQ ID NO: 2 <211>5 <212> PRT
 <213> Artificial sequence
 L:48 M:282 E: Numeric Field Identifier Missing, <211> is required.
 L:48 M:282 E: Numeric Field Identifier Missing, <212> is required.
 L:48 M:282 E: Numeric Field Identifier Missing, <213> is required.
 L:71 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:3
 L:91 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:4
 L:111 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
 L:112 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:5
 L:131 M:333 E: Wrong sequence grouping, Amino acids not in groups!
 L:131 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
 L:132 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:6
 L:153 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:7
 L:174 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8
 L:177 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQ ID NO: 9 <211> 22 <212> PRT
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 L:185 M:282 E: Numeric Field Identifier Missing, <211> is required.
 L:185 M:282 E: Numeric Field Identifier Missing, <212> is required.
 L:185 M:282 E: Numeric Field Identifier Missing, <213> is required.
 L:193 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQ ID NO: 10 <211>12 <212> PRT
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 L:201 M:282 E: Numeric Field Identifier Missing, <211> is required.
 L:201 M:282 E: Numeric Field Identifier Missing, <212> is required.
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 L:209 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQ ID NO: 11 <211>18 <212> PRT
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 L:223 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQ ID NO: 12 <211>6 <212> PRT
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 L:239 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQ ID NO: 13 <211>6 <212> PRT
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 L:247 M:282 E: Numeric Field Identifier Missing, <213> is required.
 L:270 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:14
 L:290 M:333 E: Wrong sequence grouping, Amino acids not in groups!
 L:290 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
 L:291 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:15